169

UNIVERSITY OF CALIFORNIA
MUSEUM OF VERTEBRATE ZOOLOGY

Digitized by the Internet Archive
in 2017 with funding from
CLIR

https://archive.org/details/fieldnotesv161600smil

Smiley, D.C.

Nevada, 1936

Smiley
1936

For map of localities see notebook of E.R. Hall.

July 2

Yesterday, at 8:50 AM, left Berkeley, MVZ in Univ. of calif. Reo truck and E.R. Hall's Ford. Went via Vallejo, Sacramento, Roseville, Truckee, to Verdi. Turned north on road to fish hatchery (state of Nevada) and camped within 200 yards of buildings thereof (south). Camping place: W. side of Truckee R., 4900 Ft., ½ Mi. W. of Verdi, Washoe Co., Nev. Set out 35 mouse traps going south along bank of river for 300 yards on steep bank (45° slope) in thicket of cottonwoods, wild rose, elderberry: traps here just over break of bank near exposed roots of trees and near rocks. Took 3 Peromyscus maniculatus here. At edge of meadow, near stone fence and thicket of wild rose caught one Mus musculus Field trip of three hours: Observed birds, saw one Rana pipiens and collected it; saw one alligator lizard in rocks under yellow pine.

Field party consists of: E.R. Hall, W.H. Russell, E.T. Hooper, C.H. Engler, and D.C. Smiley.

Smiley
1936

July 3 W side Truckee R., 4900 ft., ½ mi. W Verdi, Washoe Co., Nev.
Habitats in this vicinity: slope (45°)
extending back from river 30 feet ±
covered with cottonwoods and few yellow
pine; underbrush - wild rose and elderberry -
impenetrable in places due to dead brush.
Open grassy meadow with cobbles size of
one's head moved back to the fence line;
Some Artemesia here with wild rose.
Yellow pine forest type, trees 20 - 60 feet
tall; open forest floor with some
Artemesia. A large and a small irrigation
ditch (4 feet and 2 feet wide). Irrigation
caused 40-acre wet meadow northeast
of fish hatchery. Artificial lake 10 acres
in extent 100 yards SW of fish hatchery.
Fields cultivated in grain. Slopes
above valley floor treeless (±), rock-strewn,
and with Artemesia.
Thomomys - dryer portions of wet meadow
Peromyscus - cottonwood - pine near river
Mus musculus - Near rock fence and wild rose.
Citellus - Yellow pine at edge of meadow.
Sylvilagus - Yellow pine.
Scapanus - grassy meadow
Eptesicus fuscus - over meadow near cottonwoods.

Smiley
1936

List of Birds Seen

July 2 & " 3 W side Truckee R., 4900 ft., ½ mi. W Verdi, Washoe Co., Nev.

House Finch - cottonwoods and Yellow Pine

Western Robin - " " " "

Pacific Nighthawk - crepuscular; over every type

Western Robin - ↑

Orange-crowned Warbler - near irrig. ditches and river

Downy Woodpecker - Yellow pine

Yellow Warbler - near irrig. ditches and river

Black-headed Grosbeak - Yellow Pine

Killdeer - wet meadow and near artificial lake

Red-shafted Flicker - Yellow Pine and cottonwood.

Brewer Blackbird - Wet Meadow

Western Bluebird - Meadow-like orchard.

Red-winged Blackbird - Wet meadow

Brewer Blackbird - ↑

Bullock Oriole - cottonwoods

? Vireo - 1

Smiley
1936

July 3 Left camp on Truckee R. at 8:15 AM after collecting a robin and a house finch for skinning practice. Stopped 1 mile E Verdi to observe marmot burrow under roadway and to collect traps set by E.R. Hall. Rocky exposures in eastern end of Truckee Meadows: marmots seen sunning here by E.T. Hooper. Stopped in Reno at P.O. and Golden Hotel. Left Reno at 10:30 AM; party of five in Ford and Reo truck to Pyramid Lake, along its western shore then westward to Flanigan. Camped, 2:00 PM; 1½ mi. NW Flanigan, 4200 ft., Washoe Co. Nev. Put up robin obtained this morning.

Drove with E.R. Hall to a point ¼ mi. NW Flanigan, 4200 ft., Washoe Co., Nev. This in an area of sand dunes up to five feet high. Major plant sarcobatus. Burrows in dunes at bases of plants: small ones covered by sand, mouth of burrow evident; Large Dipodonys burrows mostly not covered. Set 59 mouse traps in dune area zig-zagging from west to East; distance ¼ mile.

Smiley
1936

July 4 Drove from camp at 1½ mi. NW Flanigan to point where traps were set last night: ¼ mi. NW Flanigan. 4200 ft., Washoe Co., Nev. obtained 37 specimens. These taken to camp and gutted as follows:

1 Dipodomys microps levipes

5 Dipodomy merriami

5 Dipodomys ordii columbianus

16 Microdipodops sp.

3 Peragnathus longimembris

7 Peromyscus maniculatus sonoriensis

5:00 PM Drove, (Ree truck,) with Ward Russel to Round Hole approx. 15 miles north of Flanigen. I set no traps there. On return trip set 45 mouse traps in sand dune area N side Sand Pass, 1350 ft., Washoe Co., Nev. Traps averaged 25 paces apart. This wind-blown sand without conspicuous dune structure, merely drifted against base of plants where there were open burrows of kangaroo rats and smaller burrows mostly plugged with sand. Plants not known; one conspicuous plant a legume, tiny purple flowers, pinnate leaves, and sturdy stem Aug. 17, identification; Porosela Structure. On rocky outcrop above sand Pass, set two mouse traps and one rat trap. Outcrop at brow of hummocky hill 200 ft. elevation above pass. Rock calcareous (?) covered in spots by several-colored lichens. Wood rat sign in crevices between rocks.

Smiley
1936

1½ mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 3 Birds observed:

Turkey Vulture

Canadian Geese - 10

Smiley
1936

July 5 In traps set N side Sand Pass, 3950ft., Washoe Co., Nev. caught the following species: Dipodomys merriami, D. ordii; Microdipodops sp., Perognathus longimembris, megalotus megalotus Rheithrodontomys, (2 specimens), Peromyscus maniculatus Sonoriensis (1 specimen). In traps set at rocky outcrop above Sand Pass one Peromyscus Crinitus caught; ants partially destroyed ears so specimen not saved.

Following birds observed while at Round Hole this AM: Magpie (domesticated), Canadian Goose (domesticated), Arkansas kingbird, barn Swallow, Wilson phalarope, Mallard, meadow lark, Killdeer, Mourning dove, English Sparrows, Brewer blackbird.

Set 35 mouse traps: 2½ mi. E Flanigan, 4250ft., Washoe Co., Nev; also 5 rat traps. On south-facing slope of hill. Mouse traps set on blow-sand near base of slope and on hard, pebble(?)-strewn area above Sandy slope. Rat traps in vicinity of small rock outcrops and where 2 or more boulders lay together. Sandy slope took imprint of hobnails. Above, the slope was semi-paved with schistose bits of sedimentary rock so that foot prints did not show much. Rock outcrops (averaged 6 feet high and 10 feet long) were igneous (?); these little fractured. Plants: Sarcobatus, Artemesia, Small, lavender-flowered legume, Porosela

Smiley
1936

2½ mi. E Flanigan, 4250ft., Washoe Co., Nev.

July 6 From traps set last night obtained: 3 Neotoma lepida, 4 Perognathus formosus, 2 Peromyscus crinitus, 1 Peromyscus maniculatus sonoriensis, 3 Dipodomys merriami, 1 Dipodomys microps, 4 Perognathus longimembris.

Moved camp from 1½ mi. NW Flanigan, 4200ft., Washoe Co., Nev. to a point on Smoke Creek, 3900ft., 9 mi. E Calif. line, 3900ft., Washoe Co., Nev. Made camp in abandoned ranch house - one story with semi-attic. Two Neotoma cinerea taken by Russel before retiring. I took 2 Myotis californicus and 1 Corynorhinus rafinesquii pallescens.

At 6:00 PM set 47 mouse traps and 8 rat traps at: 40° 28' N, 6 mi. E Calif. line, 4000ft., Washoe Co., Nev. obtained 1 Phrynosoma douglasii
Distance between traps averaged 20 paces.
Terrain: East-facing slope of hill 1000 feet high - one of a series of hills running north and south. Slope variable 45° and less. Areas of large Sage in wind-blown sand. Rock outcrops calcareous hot spring deposit over surface of igneous (?) rock. Some sandy areas covered with pebbles which were angular and intermixed with angular boulders. Some grass (dry) from sand between pebbles. Sage predominant plant. Rock outcrops fissured - with abundant wood rat sign except on SE, direction of prevailing wind.

Smiley
1936

July 7 Traps taken in which were placed at:
40°28'N. 6 mi. E. Calif. Line, 4000 ft., Washoe Co., Nev.
Caught in hand 1 Phrysonoma douglasii. In
traps caught 2 Dipodomys merriami, 2 Peromyscus
maniculatus, 6 Peromyscus crinitus, 1 Neotoma
lepida, 3 Perognathus formosus.

No traps set in the evening.

Smiley
1936

Camp: Smoke Creek, 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev.

July 8 Shot one redwing and two Brewer blackbirds. Prepared these as specimens. Set 30 mouse traps along the edge of Smoke Creek, 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev. Purpose to get a shrew. Character of creek: 1 foot wide in places with water flowing; expanded to a width of 10 feet where water was 2-3 feet deep with no evident current. Cat-tails and tules in clumps along creek, making marsh-like strips along edges of creek. Cottonwoods in a belt 10 to 100 feet wide extending back from creek. 30 mouse traps set an average of 15 paces in marshy strips among cat-tails and tules.

Found nest of long-tailed chat in thick brush 30 feet back from creek. Nest 3 feet from ground, saddled on twigs. Material: grasses, and bark stripped from grass-like plants and certain Compositae, the bark of which has a "stringy" character. Lining of nest not markedly different than exterior structure. Three young in nest fully feathered.

Smiley
1936

July 9 Took in traps set last evening at: Smoke Creek, 3900 ft, 9 mi. E Calif. Line, Washoe Co., Nev.
Caught: 10 Peromyscus maniculatus, 2 Neotoma Cinerea
Afternoon: Hall, Russell, Engler and I drove to Buffalo Meadow; reconnaisance in meadow for sign of Thomomys. None found. Feces of antelope in meadow. Drove back toward camp on Smoke Creek to a point: 17 mi. W Deephole, 4800 ft., Washoe Co., Nev. set out fifty mouse traps and one rat trap. Latter in rocky outcrop with stale sign of wood rat. Mouse traps set under Junipers which grew about 40 feet apart in a flat-V-shaped, dry, water course. Under trees, dead limbs and thick mats of Juniper needles. Angular lava rocks up to size of man's head embedded in grass-covered soil. crest of mountain 1000 ft. above.

?

Smiley
1936

July 10 Took in traps set last evening at:
17 mi. W. Deephole 4800 ft., Washoe Co., Nev.
caught: 1 Rheithrodontomys megalotus, 1 Peromyscus truei,
5 P. maniculatus, 5 P. crinitus, 3 Perognathus parvus.
Drove back to camp on smoke Creek.
Broke camp at 3:30 PM. Drove approx. 60 miles
to camp: Rock Creek 5000 ft. Granite Mt.,
Washoe Co., Nev. Set out 27 mouse traps
about 8:30 - 9:00 PM with aid of flashlight.
Trap line in a small V-shaped water course
(dry) up the mountain side for 200 yards;
thence circled up out of water course and
back down the hillside. Pursued a Perognathus
parvus: it dodged in a hole under a rock, then
out and into its burrow under a 50 lb. rock.
This was moved. The burrow was along the
buried surface of the rock to its middle
(1 foot), thence at right angles into a
chamber (small opening to it) from which
three burrows radiated each for a distance
of 4-5 inches; these radiating burrows ended
blindly for no apparent cause - no rocks prevented
further digging. Mouse was captured alive
as it fled from mouth of the chamber.

At 10:30 AM found screech owl perched
in upper corner of a 10'x10' out-building (a shed, not a toilet) at
point where roof joined west and north walls.

Smiley
1936

Birds observed July 6 to 10

Smoke Creek 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev.

Mourning Dove

Shrike

Bewick Wren

Spotted Towhee

Lazuli Bunting

Great Blue Heron

Killdeer

Magpie

Mallard duck

Turkey Vulture

Yellow Warbler

Ash-throated Flycatcher

Arkansas Kingbird

Tree Swallow

Rough-winged Swallow

Barn Swallow

Red-tailed Hawk

Long-tailed Chat

Screech Owl

Red-winged Blackbird

Brewer Blackbird

Smiley
1936

Rock Creek, 5000ft, Granite Mt., Washoe Co., Nev.

July 11 Area where traps set with 30° slope; angular rock embedded in soil. Area of grass-bearing soil 3 times as great as area covered by rock. Small species of sagebrush sparse. One bush every 50 feet; i.e. spacing between bushes 50 feet. Caught 2 Perognathus parvus and 1 Peromyscus maniculatus. Probably traps set too late in the evening to make good catch.

Drove with Hall to areas: (1) 3mi. E and 10 mi. N Gerlach, 4000ft., Washoe Co., Nev. Crust over sand-silt dunes indicated area flooded by water during recent months. Plants here: Sarcobatus and Artemesia. 15 traps set here, averaged 15 paces apart.

(2) 1 mi. W 2½ mi. N Gerlach, 4000ft., Washoe Co., Nev.

Area sandy with some silt - not wind-blown sand, but would take imprint of foot nicely. This area traversed to get to a slope of granite boulders - light in color - size up to five feet in diameter. Sandy areas with Artemesia between boulders. 18 traps set averaging 10 paces apart.

(3) 1 mi. N E Gerlach, 4000ft., Washoe Co., Nev.

Traps set in two types: (a) 40 traps set where there were reddish lava rocks as outcrops and scattered as angular pebbles over the surface of hard sand. East-facing slope 20°. Artemesia major plant. (b) 10 traps set where a mixture of sand and dry lake silt made surface that took imprint of hobnails. Artemesia major plant.

Smiley
1936

(1) 3mi. E and 10mi. N Gerlach, 4000ft., Washoe Co., Nev.

July 12 Took 1 Peromyscus maniculatus and 1 Microdipodops. (2) 1 mi. W, 2½ mi. N Gerlach 4000 ft., Washoe Co., Nev. Took 1 Peromyscus crinitus. (3) 1 mi. NE Gerlach, 4000 ft., Washoe Co., Nev. (a) Rocky area: took 1 Neotoma lepida, 8 Peromyscus crinitus, 1 Perognathus formosus and 1 Peromyscus maniculatus (b) Sand-silt area: took 1 Dipodomys levipes and 1 Peromyscus maniculatus.

Evening: Set traps Rock Creek, 5000 ft. Granite Mt., Washoe Co., Nev. 60 traps set averaging 20 paces apart. A spring-fed creek 1 foot wide running steeply down hill in dense brush of wild rose, alder, and quaking aspen. 10 traps set for shrews at water's edge. 40 traps along the edge of and in the brush. 10 traps in Artemesia - Balsamorhiza association. East-facing slope. Headquarters of a sheep herder and his flock. Much-trampled black soil. Birds observed. California-type jay, lazuli bunting, meadowlark, Quail with young

Smiley
1936

Rock Creek, 5000 ft. Granite Mt., Washoe Co., Nev.

July 13 In traps set last evening caught 1 Perognathus parvus and 15 Peromyscus maniculatus. The former on periphery between brush and Artemesia. P. maniculatus - beside stream, in brush and in Artemesia - Balsamorhiza association.

4 P.M. Moved Camp. Drove through Gerlach and northwestward to Silver Bell Mine, 5150 ft., Granite Range, Washoe Co., Nev. Collected 1 Corynorhinus rafinesquii. Drove 2 miles back to main road and onward to camp; 15 mi. NNW Deephole, 5500 ft. Washoe Co. Nev. Set 35 mouse traps averaging 25 paces apart on south-facing slope (10° slope). of low hill. Juniper trees 10-30 feet in height spaced at 25 paces from one another. Several low outcrops of reddish lava rock (20 feet long x 4 feet high). Angular rocks up to 2 feet in diameter with lower surface embedded in sandy soil - abundant space between rocks with dry spears of grass (Festuceae) and sagebrush 12 to 18 inches high.

Smiley
1936

15 mi. NNW Deephole, 5500 ft., Washoe Co., Nev.

July 14 In 35 traps set last night caught 2 Neotoma lepida, 1 Eutamias sp. and 13 Peromyscus maniculatus

Moved temporary camp to:

1 mi. W. Hausen 4650 ft., Washoe Co., Nev.

Set 100 mouse traps and three rat traps 2½ mi. SE Hausen, 5200 ft., Washoe Co., Nev. Traps set (40 of them) under Junipers on north-facing slope of 10°. Ground with angular rocks (hard, reddish gray sediment) sizes from 2 inches in diameter to 10 inches, averaging six inches. Artemesia conspicuous ground vegetation. Little grass. Area had been flooded recently. Gave appearance of gentle talus slope in which much fine grayish tan sediment had partly embedded the rocks. Three rat traps set near wood rat houses under Junipers. 60 traps set in wind-blowable sand-silt with slight crust due to rain during last month. Major plant Sarcobatus with some Artemesia. This on eastern rim of a valley in which water would flow north toward pass road.

Smiley
1936

July 15 In traps set at: 2½ mi. SE Hausen, 5200 ft., Washoe Co., Nev. Caught 12 Peromyscus maniculatus, 1 Onychomys torridus, 4 Dipodomys microps. No traps set in evening.

July 16 Moved camp. Drove via Cedarville and Fort Bidwell to a point: 12-mi. Creek, 5300 ft., ½ mi. E Calif. Line, Washoe Co., Nev. Setout 75 mouse traps on southern slope of valley (Slope 35) and above rim of boulders which formed rim of valley. On slope: Artemesia predominant; dark, compactible soil with an admixture of sand and small pebbles. Occasional large boulders on slope had rolled down as talus from rim rock; boulders up to six feet in diameter. Rim rock about 20 feet high. Of squarish boulders up to 12 feet high in for- stepping stones to the plateau above the valley. This rim rock probably is an exposure of basaltic columns now badly disintegrated. Plateau south of rim rock with Picked up skull of Erethizon under juniper. Junipers spaced approx. 40 feet apart. Soil: resembles fine clay washed in on angular rocks - latter very abundant 3 inches in diameter up to 1 foot - flattish. Artemesia present, not abundant. Traps averaged 20 paces throughout these habitats.

Smiley
1936

July 17 In traps caught 34 Peromyscus maniculatus, 2 Neotoma lepida, 2 Perognathus parvus, 1 Eutamias minimus. Left and reset 50 of the traps. Saw American antelope on plateau south of Valley; mule deer in quaking aspens below rim rock. Shot a Callospermophilus among boulders of rim rock, also 9 Eutamias amoenus. Evening: shot hoary bat from floor of valley, (Nycteris cinerea)

July 18 In 50 traps left set caught 6 Peromyscus maniculatus, 1 Neotoma lepida. Shot 3 sylvilagus sp.

July 19 Moved camp: via Ft. Bidwell, Cedarville, and Vya. Camped: ½ mi. N Vya, 6000 ft. Washoe Co., Nev.
Set 35 mouse traps in an area 3 mi. N Vya, 5900 ft. Washoe Co., Nev.
This in area of wind-blown sand, brown in color. Accumulation of sand under Artemesia bushes. No prominent dune structure. General terrain flat.

En route to new campsite picked up dead great horned owl at: NW corner Cowhead Lake, Modoc Co., Calif.; juniper-Artemesia association.

Smiley
1936

July 20 Caught 11 Peromyscus maniculatus,
1 Perognathus parvus, 1 Rheithrodontomys
megalotus, 2 Dipodomys ordii,
2 Microdipodops sp., 2 Eutamias minimus.
Set traps in following localities:
(1) 4½ mi. NE Painted Point, 5800 ft. Washoe Co., Nev.
Set 57 traps (mouse) in sand dunes
with Sarcobatus; alternating mottled spots
of hard silt and wind-blowable sand.
Also set 4 gopher traps in yard of old
cabin; grass in yard; a spring with slight
flow. (2) 3 mi. E Painted Point, 5800 ft.,
Washoe Co., Nev. Area of Artemesia;
terrain flat; Sand brown, Coarser
than wind-blowable, So little drifted.
15 mouse traps set.
(3) Painted Point, 6000 ft. 9 mi. E Vya, Washoe Co, Nev.
outcrops of rock on west-facing slope
of 45°; rock igneous; few boulders over
slope and many angular rocks 3 inches
to 1 foot in breadth; Some areas of
soil one foot square between small
17 mouse traps set.
angular rocks. Caught a Crotalus Confluentus
on Artemesia - sand at base of slope.

July 21 In localities caught: (1) 25 Peromyscus
maniculatus, 4 Dipodomys ordii, 10 Microdipodops
(2) 4 P. maniculatus, 6 Microdipodops, 2 Eutamias
minimus, 1 Dipodomys ordii. (3) 1 Neotoma lep.

Smiley
1936

July 21 (Cont.) 6 P. maniculatus, 1 Peromyscus crinitus

Evening: Set mouse traps: (1) 20 in area of Artemesia, ¼mi. S Diessner 5800ft, Washoe Co., Nev. Chrysothamnus & some grass. Artemesia 1 foot high over most of area but 3 feet high in mottled spots. (2) 15 m. traps ¼mi. SW Diessner, 5800ft, Washoe Co., Nev. in damp area with sedges, grass-like, growing to height of two feet. A tender grass at base of sedges lying flat on ground due to activity of small toads and mice. In entire area, 100 feet square, one path of mud-encrusted grass was seen; looked like a Microtus path.

July 22 Caught in area (1) 1 Lagurus, 10 Peromyscus manic., In area (2) Caught 4 Microtus montanus, 5 Peromyscus maniculatus. Moved Camp from ½ mi. N Vya, 6000ft. Washoe Co., Nev. to a point 5 mi. N Summit Lake, 5900ft, Humboldt Co., Nev. Set 15 mouse traps in area of Artemesia, Chrysothamnus, & some grass; NW-facing slope of 3° - very slight.

July 23 In traps caught 4 Peromyscus maniculatus, and 1 Microtus mordax. Shot 1 Eutamias minimus in boulders along rim of hill. Set 50 mouse traps, in area 1½ mi. N Quinn River Crossing, 4100ft, Humboldt Co., Nev. 35 traps set on rocky hill 300 feet high with sedimentary rock

Smiley
1936

July 23 (cont.) outcrops, some ten feet high, 30 feet long; some outcrops even with ground's surface and position indicated by checker-like pieces of rock talus; each checker about 1-2 inches square and ¼ inch thick. Atriplex major plant. 20 traps on semi-hard sediment (silt) very light tan in color; major plants Atriplex, Sarcobatus and very little Artemesia.

July 24 Caught 5 Dipodomys microps, 1 Onychomys, 1 Neotoma lepida, 3 Perognathus longimembris, 2 Peromyscus maniculatus, 9 Peromyscus crinitus. Drove south along eastern side of valley 50 miles to Sulphur, Nev. Camped in old Hotel. Set 30 mouse traps at: (1) 9½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev. This in area of sand with small, mari-colored pebbles over the surface of the sand; pebbles 1 to 2 mm. in diameter. Vegetation: mainly Atriplex. Set 50 mouse traps at: (2) 1½ mi. N Sulphur, 4050 ft., Humboldt Co. Nev. Wind blowable sand in a single, large dune structure 15 feet high x 100 ft. wide x 600 ft. long

Smiley
1936

July 24 Sand wind-blowable; vegetation:
(Cont.) Sarcobatus, Artemesia, Atriplex on
poor ground (semi-hard silt).

July 25 Caught at (1) 2 Dipodomys microps,
1 Perognathus longimembris, 4 Microdipodops sp.
At (2) Caught 2 Dipodomys merriami,
3 Perognathus longimembris, 3 Peromyscus
maniculatus, 2 Reithrodontomys,
7 Microdipodops sp. Drove approx.
25 miles east from Sulphur to
(1) 18 mi E & 1 mi. N Jungo 4200 ft, Humboldt Co., Nev.
and set 20 mouse traps in area of
Semi-windblowable sand mottled over
surface of hard-packed, light tan silt.
Traps set at 15 paces (too close);
vegetation: Sarcobatus & Artemesia.
Set 50 mouse traps at (2) 8 mi. E & 1 mi. N
Jungo, 4200 ft, Humboldt Co., Nev. This
a very large area (limits not seen)
of wind-blowable sand, light ~~Tan~~
grayish in color, drifted into
conspicuous dune structure; pebbles
from 1-2 mm. in diameter over surface of sand
spottily. Vegetation: Sarcobatus and
Artemesia. Rolled oats mixed with
butter and peanut butter used as
bait.

Smiley
1936

July 26 In area (1) Caught 1 Dipodomys ordii +
1 Perognathus longimembris. Area (2), caught
1 Dipodomys ordii, 2 Perognathus longimembris,
2 Peromyscus maniculatus, 3 Microdipodops sp.
Set 75 mouse traps south of Rabbit Hole
Spring: 8 mi. S Sulphur, 4320 ft. Pershing Co, Nev.
On 10° hillside and on ¼-mi.-wide,
bottom of wash. Two soil types
(1) ~~Light tan~~ Cream colored silt took print of hobnails
plainly; Sarcobatus major vegetation 45 traps here and extending
up hillside on hard ground. (2) wind-
blowable, light tan sand in small
dunes under bushes (Sarcobatus); 30 traps
set here.

July 27 Combined Catch of above-described,
(two) areas: 9 Dipodomys merriami,
5 D. microps, 4 P. maniculatus,
2 Perognathus longimembris,
1 Neotoma lepida. Moved camp
to area South of Vernon. Set 62
mouse traps in area: 3 mi. SW Vernon
4300 ft, Pershing Co, Nev. 10 traps on
semi-wind-blowable sand-light tan.
52 traps in area with gradient of
rocks small and few to large and many.
Terrain flattish, progressively more
of an east-facing slope (to 3°) as

Smiley
1936

July 27 (cont.) Mountains were approached, and progressively more rocky. Traps mostly set along the rims of a 15-foot-deep "wash" 50 ft. from rim to rim with a 3-ft.-wide, dry stream bed below. Boulders, 2 to 6 ft. in diameter abundant, averaging ten feet apart; Smaller, angular rocks left only 30% of soil exposed — grasses, Artemesia + Sarcobatus (rare).

July 28 In the sandy area caught 1 Dipodomys microps. In area progressively more rocky caught: 2 D. microps, 5 D. merriami, 8 Perognathus formosus, 1 Microdipodops sp., 1 Perognathus longimembris, 1 Peromyscus maniculatus. Moved camp via Lovelock to Adobe Flat: 21 mi. W + 2 mi. N Lovelock, 4000 ft. Pershing Co., Nev. Set 60 mouse traps + 2 rat traps in light gray, wind-blowable sand, in dunes up to 15 feet high, not conspicuously rolling.

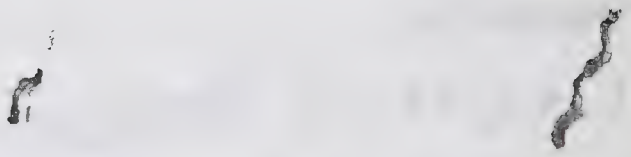
July 29 Caught 2 Dipodomys deserti, 1 D. ordii columbianus, 6 D. microps, 2 D. merriami, 1 Reithrodontomys megalotus, 4 Microdipodops. Moved camp via

Smiley
1936

July 29 (cont.) Lovelock and Rye Patch to El Dorado Canyon, 6000 ft, Humboldt Range, Pershing Co., Nev. Set 40 mouse traps 40 paces apart up hillside with Artemesia 1 to 3 ft. high, Juniperus mottled in patches over hillside. Rock and gravelly soil. wouldn't take print of bobnails readily.

July 30 Caught: 1 Peromyscus crinitus, 12 P. moniculatus, 4 Perognathus parvus. Shot Say Phoebe in flight over hillside. Shot 1 sceloporus near stream under aspens, Cornus and Rosa. Shot Western robin on talus slope near Sagebrush. 40 traps left on slope for chipmunks; none caught.

July 31 During night caught 2 Perognathus parvus, 2 Reithrodontomys megalotus, 8 Peromyscus moniculatus, & 1 Peromyscus truei truei. Set 26 mouse traps in semi-meadow of Sagebrush & grasses at: El Dorado Canyon, 8000 ft, Humboldt Range, Pershing Co., Nev. Meadow with 5° slope to west and constituting the floor of valley between two shoulders of mountain. Meadow 300 ft. wide. Set 3 rat traps in deserted house nearby.



Smiley
1936

El Dorado Canyon, 6000ft, Humboldt Range, Pershing Co, Nev.

Aug. 1 Caught 14 Peromyscus maniculatus and 1 Perognathus parvus. A living Peromyscus man. in one rat trap. No Neotoma cinerea though one of this species seen July 30: Shown to Hall & I by Mr. Smith who caught it night of July 29. Caught 1 Callospermophilus in rat trap left set this morning. Moved camp via Rye Patch, Oreana and Fanning to a point 9 mi: E of Fanning. 62 mouse traps set at: 9 mi: E Fanning, 4700ft., Buena Vista Valley Pershing Co, Nev. Terrain: rolling dunes of silt under Sarcobatus bushes; silt soft, took impression of hobnails readily.

Aug. 2 In traps. Caught 10 Peromyscus monic., 1 Onychomys torridus, 3 Dipodomys microps leviges. Moved camp to S Base Granite Peak, East Range, Pershing Co, Nev. Broad-tailed Hummingbird in large bushes of buffalo berry within 200 feet of water; this taken as specimen. 45 mouse traps and 1 rat trap set on: S slope Granite Peak, East Range, Pershing Co, Nev. Traps under junipers and pinyons. Some in vicinity of rocks. Trap line run from creek bottom

Smiley
1936

Aug. 2 (cont.) up over shoulder of mountain 700 feet high (dome-shaped). Artemesia major ground vegetation. Ground of silt with embedded rocks - of all sizes from few + small to large; small rocks never covering more than ½ of ground's surface.

Aug. 3. Caught 21 Peromyscus maniculatus, / Reithrodontomys megalotus, / Dipodomys microps levipes, / Neotoma lepida, / Perognathus parvus, / Eutamias minimus 2 Peromyscus crucei crucei. Moved camp to settlement of Fanning. Hall + I set gopher traps (11 sets) at a ranch in Buena Vista Valley (see Hall's notes). These on altalfa fields - 3 small fields in all. Fields almost flat; no water for irrigation at this time of year; in two of fields altalfa had been cut. Earth dark tan, relatively fertile.

Aug. 4 Caught nine Thomomys quadratus. These skinned out by Hall + I and recorded in Hall's notes. Moved camp via Oreana, Lovelock, Sparks, Reno to 3mi. S Mt. Rose 05000 ft.

Smiley
1936

Aug. 4 (Cont.) Washoe Co., Nev. In area of granite boulders in moraine-like pile 300 feet long, shot young marmot (Marmota flaviventris).

Aug. 5 Hunting early morning for Pikas. Obtained one (Ochotona princeps). Shot one Cassin's Purple finch in area of lodgepole pine, red fir, and limber pine. Set 13 mouse traps in meadow rendered wet by several small streams running through it. Grass in lush profusion, in spite of domestic sheep "sign" in profusion. No trails of meadow mice observed. 4 mi. S Mt. Rose, 8500 ft., Washoe Co., Nev.

Aug. 6 Nothing caught. Broke camp for last time. Drove via Lake Tahoe, Truckee, Auburn & Roseville to Berkeley, Calif.

Smiley
1936

Aug. 11 Last night set out 35 mouse traps in dunes of windblowable sand 3 mi. SE Overton, 1200 ft. Clark Co. Nev. Mesquite predominant vegetation. Dunes as high as five feet and 20 feet across accumulated under mesquite. Terrain flattish & at base of west-facing slope sand light tan in color. Mesquite beans (pods) lying thickly around under M. bushes. Evidence of extensive rodent harvest. This especially true near burrows of Dipodomys deserti. Caught 1 D. deserti, 3 D. merriami and 1 Perognathus sp. Set 30 mouse traps near base of Atalatl rock: Valley of Fire, 12 mi. SW Overton, Clark Co. Nev. Area of reddish sand. Color of dilute rose red. Sand windblowable in dunes - vegetation not noted - though dune structure was caused by accumulation under plants - shrubby 10 - 30 feet between these shrubby plants. Dunes at base of precipitous red sandstone rock - 200 feet high. At dusk shot 3 Pipistrellus flying over this dune area.

Aug. 12 Caught 1 Dipodomys deserti, 2 D. merriami and 2 Peromyscus crinitus. CCC enrollee Clark gave me a chuckawalla collected 2½ mi. E St. Thomas, 1180 ft. Clark Co, Nev.

Smiley
1936

Antilocapra americana

12-mi. Creek 5300ft. ½mi. E Calif. Line Washoe Co., Nev.

July 17 On plateau south of creek, Junipers spaced approx. 40 feet apart, ground with angular rocks embedded in silt (half-exposed). *Artemesia* not abundant. One specimen trots short distance, stops and sneezes. Repeatedly sneezes.

Smiley
1931

Callospermophilus sp.

12 mi. Creek, 5380 ft, ½ mi. E Calif. Line, Washoe Co., Nev.

July 17 One shot while sunning himself on a huge boulder near rim-rocks of valley. Boulder, 2 feet high - probably a portion of disintegrated basaltic column a line of which forms south rim of valley. Aspens at base of rim rock.

Aug. 1 El Dorado Canyon, 800 ft. Humboldt Range, Pershing Co., Nev.

One caught in rat trap in abandoned wooden building on its 1st floor. Area about buildings grassy with a number of juniper trees - averaging one per hundred square yards.

Smiley
1936

Citellus beecheyi

July 2 / W side Truckee R., 4900 ft., ½ mi. W Verdi, Washoe Co., Nev.
Specimen no. 108 shot on edge between meadow and forest underbrush, latter near stream. Cottonwoods and Yellow pine the forest growth; Underbrush of wild rose and elderberry. Meadow grassy - with rocks weighing 25 to 600 lbs. Animal standing on rock in shade of bush when shot. Cheek pockets crammed full of large seeds. (♂). Probably rose family.
Seed count and weight:
Right cheek pouch - 276 seeds - weight 16.9 g.
Left " " - 261 " - " 16.2 g.
Plant saved for identification.
Aug. 17 identification: Purshia

Smiley
1936

Corynorhinus sp.

Smoke Creek, 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev.

July 6 One specimen taken with flyswatter in back room of ranch house in which we were camped. Room 20 feet long, 10 feet wide, 8 feet high; two windows and a door open to outdoors. Ranch house 200 feet from Smoke Creek. Tules and cat-tails in margin of creek; Cottonwoods growing in belts along creek; underbrush wild rose et al. Grassy meadow and a hay field in vicinity.

Smiley
1936

Dipodomys deserti

21 mi. W & 2 mi. N Lovelock, 4000 ft., Pershing Co., Nev.

July 29 Two caught in dunes of light gray wind-blowable sand. Dunes as miniature mountain ranges - 10 feet (up to 15 ft. high) and several hundred yards long - these laid on flattish terrain with a slight westward drainage. Dunes not conspicuously rolling. Sarcobatus present.

Smiley
1936

Dipodomys microps

4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 4 One specimen on trap-line over dune area. Wind-blown sand dirty white drifted into dunes as high as 6 feet. Sarcobatus a major plant.

see July 6
July 12

July 15 2½ mi. SE Hausen, 5200 ft., Washoe Co., Nev.
Four caught along east rim of valley which slopes north. Texture of ground variable. Where fine sand predominates over silt, footprint taken in full. Where silt predominated arch of shoe not imprinted. *Sarcobatus* and *Artemesia* present in abundance.

July 24 ½ mi. N Quinn River Crossing, 4400 ft., Humboldt Co., Nev.
5 caught on light tan silt, semi-compacted. Terrain flattish, seamed to an extent with dry water courses. *Atriplex* & *Sarcobatus* major plants.

July 25 9½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
2 caught in dune area of semi-windblowable sand stippled with vari-colored pebbles less than 2mm. in diameter. *Atriplex* major plant.

July 27 8 mi. S Sulphur, 4350 ft., Pershing Co., Nev.
¼-mile-wide bottom of valley along 6 ft.-deep wash of bottom cream-colored silt of texture to take imprint of foot & hobnails nicely.

Smiley
1936

Dipodomys microps
(Continued)

July 27 (cont) Sarcobatus in silty areas; sage not abundant.

July 28 3 mi. SW Vernon, 4300 ft. Pershing Co., Nev.
1 caught in ten traps set on semi-windblowable sand - light tan in color. Sand in dunes 2 feet + less high. Sarcobatus major plant. 2 caught in area where sandy silt was stippled with small angular rocks. Terrain flattish. No dune-like structure.

July 29 21 mi. W & 2 mi. N Lovelock, 4000 ft., Pershing Co.
Six caught in dunes of light gray windblowable sand. These set as miniature mountain ranges on area of slight westward drainage. Dunes not exceeding 15 feet high and not abruptly cleft into dunes.

Aug. 2 9 mi. E Fanning, 4400 ft., Buena Vista Valley, Pershing Co., Nev.
Rolling dunes of cream-colored silt, with Sarcobatus the predominant & conspicuous plant. Small herbaceous plants scarce. Sole of foot sinks 1 inch at each step. Dunes up to 8 feet high.

Smiley
1936

Dipodomys microps (cont.)

S. slope Granite Peak, East Range, Pershing Co, Nev.

Aug. 3 Flat area of cream-colored silt at base of mountain slope 100 yards from stream. 1 caught under *Sarcobatus* bush.

Smiley
1936

Dipodomys merriami

4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 4 Five caught in area of rolling sand dunes. These as high as six feet. Sand dirty white, fine, wind-blown. Open burrows under plants presumably occupied by this species. Sarcobatus a major plant.

July 5 N side Sand Pass, 3950 ft, Washoe Co., Nev.

Number of specimens obtained not recorded. Area of wind-blown sand and silt without conspicuous dune structure. Soil accumulated to some extent around base of bushes. Burrows of Dipodomys here. Vegetation quite abundant. None of plants recognized. A sturdy-stemmed legume with tiny purple flowers (Poroselia) was abundant. Slope east-facing gentle (about 5 %).

July 6 2½ mi. E Flanigan, 4250 ft, Washoe Co., Nev.

July 7 40° 20' N 6 mi. E Calif. Line, 4000 ft, Washoe Co. Nev.

On hillside with 30 % slope, areas of wind-blown sand (slightly dune-like), between outcrops of igneous rocks covered with calcareous hot spring deposit. Sand areas with Artemesia up to four feet in height. Burrows of Dipodomys in accumulation of sand under bushes.

July 25 1½ mi. N Sulphur 4050 ft, Humboldt Co., Nev.

One caught on dune structure 15'x100'x600' and another on silt ground close to dune. Sand of dune light tan, wind-blowable. The one animal was

Smiley
1936

Dipodomys merriami
(Continued)

July 25 (Cont.) Caught on the gentle northern slope of dune and the other at the SE base of dune on silt.

July 27 8 mi. S Sulphur, 4350 ft., Pershing Co., Nev.
9 caught on cream-colored silt of texture to take imprint of hobnails and outline of foot readily. Traps set along sides of dry stream bottom, up on banks 6 feet + above stream bed. Sarcobatus major plant. Area: the ¼-mile-wide bottom of a valley.

July 28 3 mi. SW Vernon, 4300 ft., Pershing Co., Nev.
Five caught in area of silt with slight admixture of sand - light tan in color, Slope 3° to East. Rocks 1 ft. to 3 ft. in diameter not abundant. Sarcobatus prominant plant.

July 29 21 mi. W + 2 mi. N Lovelock, 4000 ft., Pershing Co., Nev.
2 caught in 60 traps set on light gray dunes of windblowable Sand. These dunes as minature mountain ranges averaging ten feet high and several hundred yards long. Plants: Sarcobatus + Artemesia.

Smiley
1936

Dipodomys ordii

4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 4 Five specimens caught in area of rolling sand dunes; these as high as six feet. Sand fine, wind-blown, dirty white. Sarcobatus a major plant. Five specimens of D. merriami obtained on same trap line.

July 5 N side Sand Pass, 3950 ft., Washoe Co., Nev.
Area of wind-blown sand and silt without conspicuous dune structure. A major plant a sturdy-stemmed legume with tiny purple flowers. Parosela Soil gray, drifted around base of bushes. East-facing slope about 5%.

July 20 3mi. N Vya, 5900 ft., Washoe Co., Nev.
2 specimens. Terrain flat; wind-blowable sand brown, drifted to depth of ± one foot under bushes of Artemesia.

July 21 4½ mi. NE Painted Point, 5800 ft., Washoe Co., Nev.
4 caught in 57 traps. Dunes built up to 15 feet in height, 30 feet thickness. Surface of hard-packed silt alternating with wind-blowable sand in mottled patches. Sarcobatus major plant. Dunes a linear mass ¼ mile long—north-south orientation.

3 mi. E Painted Point, 5800 ft., Washoe Co., Nev.
Terrain flat; sand coarse, not wind-blowable, brown color.

Smiley
1936

Dipodomys ordii
(continued)

11 mi. E + 1 mi. N Jungo, 4200 ft., Humboldt Co. Nev.

July 26 One caught in 20 traps set on windblowable light tan sand, mottled over surface of fairly hard cream-colored silt. Terrain flat. Extensive sand dune areas in vicinity. Vegetation: *Sarcobatus* + *Artemesia*.

8 mi. E + 1 mi. N Jungo 4200 ft. Humboldt Co., Nev.

One caught on wide expanse of light gray windblowable sand rolling broadly in dunes up to four feet in height. Occasional hard spots of cream-colored silt exposed. *Sarcobatus* & *Artemesia* present.

July 29 21 mi. W + 2 mi. N Lovelock, 4000 ft. Pershing Co. Nev.

1 caught in light gray windblowable sand in dunes set as miniature, hilly mountain ranges up to 15 feet high and several hundred yards long on level terrain with slight westward drainage. Plants: *Sarcobatus* & *Artemesia*.

Smiley
1936

Eptesicus fuscus

July 1 W side Truckee R., 4900 ft., ½ mi.
W Verdi, Washoe Co., Nev.
Two shot at late dusk along outer
edge of cottonwoods growing on river bank.

Smiley
1936

Corynorhinus rafinesquii

Smoke Creek 3900ft., 9mi. E Calif. Line, Washoe Co., Nev.

July 6 One specimen captured in 20'x10' rear room of farmhouse in which we camped.

Smiley
1936

Erethizon epixanthum

12-mi. Creek, 5300 ft., ½ mi. E Calif. Line Washoe Co., Nev.

June 16 Catalogue Specimen 202 (Skull only) was found on plateau south of creek under juniper tree. Terrain flattish. Junipers spaced approx. 40 feet apart Ground with angular rocks, flattish, and up to one foot in diameter.

Smiley
1936

Eutamias minimus

12 mi. Creek, 5300 ft., ½ mi. E Calif. Line, Washoe Co., Nev.

July 17 1 specimen caught in mousetrap. Area: terrain flat extending southward from rim of valley. Angular rocks 3 inches to 1 foot broad, flattish. Junipers spaced approx. 40 feet apart. A clay-like sediment washed in on angular rocks. Little *Artemesia*; grass very sparse.

July 20 3 mi. N Vya, 5900 ft., Washoe Co., Nev.
Two specimens. Terrain flattish; wind-blowable sand brown; drifted to depth ± one foot under *Artemesia* five feet high.

July 21 3 mi. E Painted Point, 5800 ft., Washoe Co., Nev.
2 caught on coarse brown sand in area of *Artemesia*. Terrain flat.

July 23 5 mi. N Summit Lake 5900 ft., Humboldt Co., Nev.
One shot among rocks at brow of low hill. Rocks - some 10 feet high and half as wide (disintegrating basaltic columns?) *Chrysothamnus*, *Artemesia* + grasses in medium tan soil, where exposed, below rock outcrop.

Aug. 3 S Slope Granite Peak, East Range, Pershing Co., Nev.
1 caught in mouse trap on north side of a hill-like bump which formed part of S slope of mountain. Brown silt-like soil, admixture of angular rocks. Junipers and pinyons abundant.

Smiley
1936

Eutamias amoenus

12 mi. Creek, 5300 ft., ½ mi. E Calif. Line, Washoe Co., Nev.

July 17 One spec. shot among boulders derived from disintegrating basaltic column (?) exposure along rim of valley. Animal in hasty flight along semi-procumbent trunk of a small tree.

Smiley
1936

Lagurus sp.

4 mi S Diesner 5800 ft, Washoe Co., Nev

July 22 One caught; terrain flat; *Artemisia* one foot high over most of area but mottled spots of it 3 feet high; *Chrysothamnus* present and ± abundant. Soil dark; vegetation lush for a desert area.

Smiley
1931

Marmota flaviventris

3mi. S Mt. Rose 8500 ft. Washoe Co. Nev.

Aug. 4 In moraine-like pile of granite boulders, 300 ~~feet~~ long and 10 feet high, one young specimen obtained. Trees in vicinity *Pinus murrayana* and white-barked pine. Boulders averaging 3 feet in diameter.

Smiley
1956

Microdipodops sp.

4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 4 16 specimens caught in area of abruptly rolling sand dunes. Sand fine, wind-blown, dirty white. *Sarcobatus* an abundant plant. Dunes ranged from three to six feet in height. All burrows seen of proper size for this mammal were plugged with sand; some of these were removed several feet from the base of any bush, therefore, burrows remained burrows due to the dampness of sand below the surface. This the most abundant animal caught in 59 traps set.

July 5 N side Sand Pass, 3950 ft., Washoe Co., Nev.
Number of specimens taken not recorded.
Area of wind-blown sand and silt, dirty gray in color, without conspicuous dune structure, drifted around base of unidentified sagebrush-like plants where there were open burrows of *Dipodomys* and sand-plugged burrows of this species. A conspicuous plant a sturdy-stemmed legume, *Porosela* with tiny purple flowers.

July 12 3 mi. E 10 mi. N Gerlach, 4000 ft., Washoe Co., Nev.
In area of sand-silt with slight dune-like structure; crusted over by rain; one specimen caught. Deserted burrows indicated that many rodents had probably been drowned out. *Sarcobatus* association.

Smiley
1936

Microdipodops sp. (Cont.)

3mi. N Vya, 5900 ft. Washoe Co., Nev.

July 20 Two specimens. Terrain flat; wind-blowable sand brown, drifted under bushes (Artemesia). Latter up to five feet in height. Dunes under bushes ± one foot in depth.

July 21 4½ mi. NE Painted Point, 5800 ft., Washoe Co., Nev.
10 caught in area of light tan wind-blowable sand mottled over area of hard-packed silt.

3mi. E Painted Point, 5800 ft., Washoe Co., Nev.
6 caught. Artemesia on coarse, brown sand, not wind-blowable. Terrain flat.

July 25 9½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
4 caught on dune area of semi-wind-blowable sand — dunes inconspicuous up to two feet high. ✱ Sand brownish with vari-colored pebbles less than 2 mm. in diameter stippled over surface.

½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
7 caught on dune structure 15'x 100'x 600' of light tan windblowable sand adjacent to similar dunes (massive) Plants: Sarcobatus, Artemesia.

Smiley
1936

Microdipodops sp.
(Cont.)

8mi. E + 1mi. N Jungo, 4200 ft., Humboldt Co., Nev.

July 26 3 caught on wide expanse of broad rolling sand dunes, light gray in color. Occasional hard spots of cream-colored silt exposed. Dunes up to four feet in height. Plants: *Sarcobatus* + *Artemesia*.

July 28 3mi. SW Vernon, 4300 ft. Pershing Co., Nev.
One caught on poor ground - light tan silt with little sand admixture. Terrain flattish - drainage to East. 6-inch angular rocks not abundant. *Sarcobatus* + *Artemesia* present.

July 29 2 mi. W + 2 mi. N Lovelock, 4000 ft. Pershing Co., Nev.
Four caught on dunes of light gray, windblowable sand up to 15 feet in height. Terrain upon which dunes set with slight westward drainage. *Sarcobatus* + *Artemesia* present.

Smiley
1936

Microtus montanus

4 mi. SW Diessner, 5800 ft., Washoe Co., Nev.

July 22 Four caught in area 100 ft. square; damp; Sedges to height of 2 feet - (close-growing). Terrain flattish. Under sedges a tender grass lying flat on ground - trampled by mice and spade-foot toads. One path of mud-encrusted grass was seen; this only 3 ft. long.

Smiley
1936

Microtus mordax

5 mi. N Summitlake, 5900 ft., Humboldt Co., Nev.

July 23 1 caught on NW-facing slope of 3°
(barely perceptible) in trap set near
Sage and *Chrysothamnus* - some grasses.
Soil medium tan color, only slightly rocky,
rocks less (?) than inch in diameter.

Smiley
1936

Mus musculus

W side Truckee R., 4900ft., ½mi. W Verdi, Washoe Co., Nev.

July 2 One specimen obtained near fence constructed of barbed wire and rock cobbles size of one's head. Terrain flat; edge of grassy meadow. Trap had been set near a clump of wild rose 10 feet in diameter. Farm house ¼ mi. South. Truckee River 100 yards ~~west~~ east.

Smiley
1936

Myotis californicus

Smoke Creek, 3900 ft, 9 mi. E Calif. Line, Washoe Co, Nev.

July 6 Camped in an abandoned ranch house near Smoke Creek. Vegetation Cottonwood, wild rose, tules, cat-tails, grass (in meadows). One Myotis taken in rear room of house about 9 P.M. It was flying the 20-foot length of the room as if seeking an exit. Would "hang-up" on rafter between erratic flights. A second Myotis in an outbuilding 10 feet square (horizontally) and maximum height of 12 feet. Door and one window open.

Smiley
1936

Nycteris cinerea

12 mi. Creek, 5300 ft., ½ mi. E Calif. Line, Washoe Co., Nev.

July 17 1 specimen taken; it was flying 200 feet above floor of valley. Flight comparatively straight; not nervous and excessively dodging in character. Creek in floor of valley with willows and aspens. North- and south-facing slopes with *Artemesia*. South-facing slopes very rocky.

Smiley
1936

Neotoma lepida

2½ mi. E Flanigan, 4250 ft., Washoe Co., Nev.

July 6 3 specimens taken on SE-facing slope in area where there were several rock outcrops 6 feet high x 10 feet long. Angular boulders had cracked off these outcrops and lay on the slope below. Where two or more lay together wood rat sign was in evidence. Color of rock reddish; ground semi-paved with angular, schistose bits of it averaging size of one's hand. Rock outcrops insufficiently fractured to harbor wood rats. Grass and *Artemesia* not abundant between rocks

July 7 40°28' N, 6 mi. E Calif. Line, 4000 ft., Washoe Co., Nev.

One caught at base of igneous rock outcrop in cave-like crevice. Reddish igneous rock covered with hot-spring deposit of calcareous material. Gravel area near cave with *Artemesia*. One outcrop 10 feet in height was, favorably to woodrats, creviced on all sides. But: no wood rat sign found on SW of outcrop - perhaps due to prevailing wind driving against that face of the rock.

July 17 12 mi. Creek, 5300 ft., ½ mi. E Calif. Line Washoe Co., Nev.

Area flat; junipers approx. 40 feet apart; little *Artemesia*. ½ of ground surface of small, jutting angular rocks; little grass. Two specimens taken under junipers.

Smiley
1932

Neotoma lepida (Cont.)

12 mi. Creek, 5300 ft., ½ mi. E Calif Line, Washoe Co., Nev.

July 18 One very young (2 months?) caught under junipers - locality as described on previous page (July 17).

July 24 Painted Point, 6000 ft., 9 mi. E Vya, Washoe Co., Nev..
1 caught on west-facing outcrop of igneous rock; Semi-talus rock below outcrop. Short Artemesia and some grasses in areas 1 foot square (±) of soil between angular rocks.

July 24 1½ mi. N Quinn River Crossing, 4100 ft. Humboldt Co., Nev.
One caught in rock outcrop near west brow of hill 300 ft. high. Rock sedimentary - (hot spring deposit?). Outcrop 10 feet high and 30 feet long - one of several on this hill.

Aug. 3 S slope Granite Peak, East Range, Pershing Co., Nev.
1 caught under Juniper 10 feet high & 10 feet in horizontal diameter. Nest near base of tree constructed of debris of Juniper. S facing slope of hill with Artemesia on fine soil silt-like with goodly admixture of small angular rocks.

Smiley
1936

Neotoma Cinerea

Smoke Creek, 3900ft., 9mi. E Calif. Line Washoe Co., Nev.

July 6 9 P.M. - Saw rat climbing cottonwood tree 15 feet South of ranch house, in which we were camped. Climbed rough trunk, 2½ feet in diameter, to a point 6 feet above ground. Several large branches there. Concealed himself in the crotches at the base of branches. I hit this point with stick; rat climbed 2 feet upward along one branch and Russell shot it with aid of flashlight.

July 9 Smoke Creek, 3900ft., 9mi. E Calif. Line, Washoe Co., Nev.
Two caught in traps set at damp edge of Smoke Creek. Both juveniles. Cottonwoods in belt 100 feet wide back from creek and parallel to creek. Wood rat sign abundant here.

July 30 El Dorado Canyon, 8000ft. Humboldt Range, Pershing Co., Nev.
Saw one caught by Mr. Smith on July 29 in this locality.

Smiley
1936

Ochotona princeps

3mi. S Mt. Rose, 8500ft., Washoe Co., Nev.

Aug. 5 A precipitous granite rock outcrop. 200 feet high - cliff-like with talus slope below of boulders averaging 2 feet in drameter. One pika seen among boulders and one shot at base of cliff in a broad vertical niche caused by a vertical column of rock sufficient number of areas of black soil among rocks to support herbaceous plants but few grasses. Areas of soil few and averaging a yard square.

Smiley
1936

Onychomys torridus

2½ mi. SE Hausen, 5200ft., Washoe Co., Nev.

July 15 One specimen caught under *Sarcobatus* bush where ground was soft mixture of sand and silt with slight crust due to a rain within past month(?) East rim of north-sloping valley.

July 24 1½ mi. N Quinn River Crossing, 4100ft., Humboldt Co, Nev. One caught near Sarcobatus bush on semi-compacted, light tan silt. Terrain flat. Indication of heavy rain in dry stream beds over silt area.

Aug. 2 9mi. E Fanning, 4100ft. Buena Vista Valley, Pershing Co., Nev. One caught in 62 traps set on cream-colored silt with dune structure. Shoe sinks 1 inch into soil at each step. *Sarcobatus* major plant. Dunes up to eight feet in height. Food plants appeared scarce.

Smiley
1936

Peregonathus longimembris

4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 4 In 57 traps set, 3 P.l. were caught. Area of sand dunes as high as six feet; sand dirty white. Sarcobatus a major plant. This probably not the most favorable niche for this species.

July 5 N side Sand Pass, 3950 ft., Washoe Co., Nev.
Number of specimens taken not recorded. Area of wind-blown sand and silt without conspicuous dune structure. This soil drifted around base of Sagebrush-like, unidentified plants: one plant a sturdy-stemmed legume, Porosela, with tiny purple flowers (herbaceous).

See July 6

July 24 1½ mi. N Quinn River Crossing, 4100 ft., Humboldt Co., Nev.
On a flat-topped ridge with very hard ground, small angular rocks abundant and embedded in neutral color soil. Atriplex major plant.

July 25 9½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
One caught in dune area of semi-windblowable sand over which there was a stippling of vari-colored pebbles less than two mm. in diameter. Atriplex major plant.

1½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
3 caught on dune structure 15'x100'x600' of windblowable sand light tan in color. Sarcobatus & Artemesia major plants.

Smiley
1936

Peregrinatbus longimembris (continued)

11 mi. E + 1 mi. N Sunoo, 4200 ft., Humboldt Co., Nev.

July 26 1 caught; area creamed colored silt, somewhat packed to hardness, mottled over by light tan windblowable sand. *Sarcobatus* major plant.

8 mi. E + 1 mi. N Sunoo, 4200 ft., Humboldt Co., Nev.

2 caught on light gray, windblowable sand dunes up to 4 feet in height. Only occasional spots where cream-colored silt was exposed as a relatively hard spot. *Sarcobatus* + *Artemesia* major plants.

July 27 8 mi. S Sulphur, 4350 ft., Pershing Co., Nev.

10° hillside slope. *Artemesia* growing on hard, small-rock-strewn ground; two caught. Slope South-facing.

July 28 3 mi. SW Vernon, 4300 ft., Pershing Co., Nev.

1 caught in area of light tan silt. Small angular rocks few. *Sarcobatus* & *Artemesia* present. Terrain flattish. Drainage to East.

Smiley
1936

Perognathus formosus

2½ mi. E Floriean, 4250 ft, Washoe Co, Nev.

July 6 Four taken in area of reddish rock outcrops averaging 6 feet high x 10 feet long - little fractured. Boulders had cracked off outcrops and lay singly or in groups of two to three below outcrops. In addition the sandy soil was partially covered with schistose bits of this rock the size of one's hand which were embedded in the ground, with one surface exposed. Dry, sparse grass on exposed hard-packed sand. *Artemesia* bushes 20-30 feet apart over this SE-facing slope.

July 7 40°28' N, 6 mi. E Calif. Line, 4000 ft., Washoe Co., Nev.

Three caught where rock outcrops were igneous covered by calcareous hot-spring deposit. Admixture of gravel and fine sand made hard surface in which angular rocks 3-8 inches were embedded (lower surface only). Dry grass in gravel-sand area. Slopes 30°-45° N- and E-facing.

July 12 1 mi. NE Gerlach, 4000 ft, Washoe Co., Nev.

In area of reddish lava rock outcrops and angular stones up to one foot in diameter embedded in firm sandy soil, dry grass, one specimen caught. SE-facing slope of 15°.

Smiley
1936

Perognathus formosus

3 mi. SW Vernon, 4300 ft. Pershing Co., Nev.

July 27 Eight caught along ~~upper~~ rims of 15-foot-deep "wash" 50 feet from rim to rim with a 3-foot-wide, dry stream bed below. Boulders 2-6 feet in diameter averaging 10 ~~feet~~ apart. Small angular rocks left only 30% fine soil exposed over the 100% ground surface. Grasses present on fine soil.

Smiley
1936

Perognathus parvus

17 mi. W Deephole, 4800 ft., Washoe Co., Nev.

July 10 Hillside with Artemesia and semi-embedded rocks varying in size as do vegetable cans (i.e., of sizes similar to various cans) embedded in firm sandy soil. Lava rock outcrops were source of above-mentioned rocks. Dry grass on soil between rocks.

July 10 Rock Creek, 5000 ft., Granite Mt., Washoe Co., Nev.
At 8:45 PM pursued and caught one on hillside above camp. See general account for this day.

July 11 Rock Creek, 5000 ft., Granite Mt. Washoe Co., Nev.
On 30° slope, south-facing, bases of angular rocks embedded in firm sandy soil. Sparse Artemesia up to ten inches high. Dry grass.
2 caught.

July 17 12 mi. Creek, 5300 ft., ½ mi. E Calif. Line Washoe Co., Nev.
On north-facing slope of valley - 35° slope; elevation 200 feet above bottom of valley soil blackish, compactible, admixture of some sand; a few very large boulders and some angular rocks less than one foot across. Two young specimens taken in Artemesia.

July 20 3 mi. N Vya, 5900 ft., Washoe Co., Nev.
One specimen; terrain flat; wind-blown sand brown, drifted under Artemesia bushes.

Smiley
1936

Peromyscus parvus (cont.)

El Dorado Canyon 6000ft, Humboldt Range, Pershing Co, Nev.

July 30 4 caught in 40 traps set on hillside with slope 20-45 degrees. Finely divided soil with goodly admixture of small angular rocks. Ground didn't take imprint of hobnails readily. *Artemesia* & *Juniperus* major plants. Latter spaced averaging 75 feet apart.

July 31 Traps left out over night. Two caught in locality as above.

Aug. 1 *El Dorado Canyon, 8000ft, Humboldt Range, Pershing Co. Nev.* 1 caught in west sloping meadow - slope 5°. Traps among grasses for meadow mice. Soil & shrubby plants not noted.

Aug. 3 *S slope Granite Peak, East Range, Pershing Co, Nev.* 1 caught in 45 traps. S-facing slope with fine silt-like soil light brown in color with admixture of small angular rocks, soil would barely take imprint of hobnails because of small rocks. Vegetation: *Juniperus* pinyon pine, *Artemesia*.

Smiley
1936

Peromyscus crinitus

July 5 W side Sand Pass 1390 ft., Washoe Co., Nev.

One young one, gray pelage, in rock outcrop near brow of hill. Rocks fissured and fractured with much stale sign of wood rat. Rocks calcareous (?) mottled with several lichens of different colors. Rock outcrop faces huge dry lake. Silt from lake had blown over slope below outcrop. Sagebrush up to six feet in height there.

July 6 2½ mi. E Flanigan, 4250 ft., Washoe Co., Nev.

Two taken on SE-facing slope with reddish rock outcrops averaging 6 feet high × 10 feet long. Boulders two-three feet in diameter were few and placed singly or in groups of two to three. Schistose bits of this reddish rock were embedded in hard, gravelly sand. Dry grass sparse. *Artemesia* bushes 20-30 feet apart.

July 7 40°28' N 6 mi. E Calif. Line, 4000 ft., Washoe Co., Nev.

Six caught in area with embedded reddish rocks on 30°-45° E- and N-facing slopes. Igneous rock outcrops with covering of calcareous hot-spring deposit. Dry grass over surface of hard-packed sand, between embedded rocks.

Smiley
1936
/

Peromyscus crinitus (cont)

12 mi. W Deephole 4800 ft., Washoe Co., Nev.

July 10 Five P. crinitus caught and 5 P. maniculatus caught in fifty traps. A habitat type, it appears which strikes happy medium of requirements for both species. A flat V-shaped, dry water course draining (in high water) 1000 acres of mountain side. Drainage to SW. These caught on hillside with embedded rocks of various sizes. Soil firm, sandy, supporting dry grass. Several outcrops of lava rock averaging 30 feet in length and ten feet in height. P. maniculatus caught also in immediate vicinity of junipers; P. crinitus less abundant here.

July 12 1 mi. W, 2½ mi. N Gerlach, 4000 ft., Washoe Co., Nev.
Area light colored granite boulders on 45° slope, east-facing. This slope 20 feet high - a gouge in a gentle 5° slope. Coarse sand between boulders with Artemesia.

1 mi. NE Gerlach, 4000 ft., Washoe Co., Nev.
SE.-facing slope of 15° with reddish lava rock outcrops. Atriplex prominent plant with some Artemesia. Grasses between angular stones which littered the ground.

Smiley
1936

Peromyscus Crinitus (Cont.)

Painted Point, 6000ft., 9mi. E Vya, Washoe Co., Nev.

July 21 One Caught on SW-facing hillside with 30° slope. Angular rocks 3 inches to 1 foot in diameter were abundant. Areas 1 foot square (±) between angular rocks supported short Artemesia and some grasses.

July 24 1/2 mi N Quinn River Crossing, 4100ft., Humboldt Co., Nev.
9 caught in traps set over top of a dome-shaped hill 300ft. above general flat terrain. Prominent rock outcrops (sedimentary). Positions of several outcrops indicated by talus rock streaks consisting of checker-shaped bits of sedimentary rock; these outcrops flush with surface of ground. several outcrops, mentioned above, not flush.

July 30 El Dorado Canyon, 6000ft., Humboldt Range, Pershing Co., Nev. Slope of hillside 45°. Only trap set on a rocky ledge yielded one of this species Plants Artemesia and Juniperus in vicinity of ledge below 10-foot-high rock outcrop.
Somewhat fissured.

Smiley
1936

Peromyscus maniculatus

July 2 W side Truckee R., 4900 ft., ½ mi. W. Verdi, Washoe Co. Nev.
Three taken on 45° slope, 30 feet above and 30 feet back from river near break of bank under the exposed roots of trees and near rocks. Large cottonwoods (40 ft. ±) overhead, plus few ponderosa pine. Underbrush of cottonwood, elderberry, and wild rose.

July 4 4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.
Seven specimens in sand dune area. Fine, wind-blown sand grayish in color. Dunes up to six feet high. Vegetation quite abundant. Sarcobatus a predominant plant. Terrain on each side of dune belt flat with much Artemesia. Belt of dunes 100 to 200 feet wide and ¼ mi. long. Some burrows of Dipodomys open. Smaller burrows of mice closed. Burrowing mostly in accumulation of sand under bushes.

July 5 N side Sand Pass, 1350 ft., Washoe Co., Nev.
Area of wind-blown sand and silt from dry lake ½ mile down slope. Dune structure slight. Drifted around base of plants. A sturdy-stemmed legume, Porasela with tiny purple flowers a conspicuous plant.

Smiley
1936

Peromyscus maniculatus (Cont.)

2½ mi. E Flanigan, 4250 ft., Washoe Co., Nev.

July 6 On pebble-covered blow-sand on slope below outcrops of reddish stone, 1 specimen taken. Artemesia association.

July 7 40°28' N 6 mi. E Calif. Line, 4000 ft., Washoe Co., Nev.
Two caught in area of wind-blown sand and tall sagebrush (Artemesia) on hillside with slope 30% to 45%. See General acct. for July 6.

July 9 Smoke Creek, 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev.
In 30 mouse traps caught ten. Mostly at the damp periphery of stream (Smoke Creek). Tules and cat-tails in spotty distribution at edge of creek. Cottonwoods variable in abundance, extending back from creek. Underbrush wild rose.

July 10 17 mi. W Deephole, 4800 ft., Washoe Co., Nev.
See General Account for July 9. 5 caught in the fifty traps set.

July 12 3 mi. E 10 mi. N Gerlach, 4000 ft., Washoe Co., Nev.
Area of silt-sand, slightly dune-like crusted over by recent rain (within past month?). Many rodent burrows deserted, with spider webs over entrances. One specimen taken.

Smiley
1936

Peromyscus maniculatus (cont.)

2½ mi. SE Hausen, 5200 ft. Washoe Co., Nev.

July 15 Twelve of this species caught on north-facing slope of 10° with hard sedimentary, angular rocks averaging six inches in diameter embedded for half their depth in fine silt-sand. Traps set under Juniper trees spaced 60 feet apart. Artemesia the ground vegetation. Very little grass.

July 17 12 mi. Creek, 5300 ft. ½ mi. E Calif. Line, Washoe Co. Nev.
34 Caught on north-facing slope of valley in Artemesia and along rim of valley under Juniperus. See Gen. account for July 16.

July 18 Same locality; six caught in fifty of the traps left set.

July 20 3 mi. N Vya, 5900 ft. Washoe Co. Nev.
11 Caught in area of brown, wind-blowable sand under Artemesia; terrain flattish. Sand drifted under bushes 6 inches to 1 foot in depth.

July 24 4½ mi. NE Painted Point, 5800 ft., Washoe Co., Nev.
25 specimens in 57 traps set over sand dune area. Sarcobatus major plant. Surface of dunes mottled with areas of wind-blowable sand and ± hard-packed silt; Dunes ~~in~~ as a linear structure ¼ mi. long and averaging 15 feet high, 30 feet broad.

Smiley
1936

Peromyscus maniculatus (cont.)

3mi. E Painted Point, 5800 ft., Washoe Co., Nev.
4 specimens taken.

July 21 (cont.) Terrain flat; sand brown, semi-windblowable but slightly coarse; Artemesia up to 4 feet in height - averaging 2½ feet. Very little sand drifted under bushes.

Painted Point, 6000 ft., 9mi. E Vya, Washoe Co., Nev.
Rocky area, above igneous outcrops of rock. Angular rocks 3 inches to 1 foot in breadth over hard soil.

July 22 4mi. S Diessner, 5800 ft., Washoe Co. Nev.
10 caught.

4mi. SW Diessner, 5800 ft., Washoe Co. Nev.
5 caught.

July 23 5mi. N Summit Lake, 5900 ft., Humboldt Co., Nev.

July 24 1½ mi. N Quinn River Crossing, 4100 ft., Humboldt Co., Nev.

July 25 1½ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.

July 26 8 mi. E + 1 mi. N Jungo, 4200 ft., Humboldt Co., Nev.

July 27 8 mi. S Sulphur, 4350 ft., Pershing Co., Nev.

July 28 3 mi. SW Vernon, 4300 ft., Pershing Co., Nev.

July 30 El Dorado Canyon, 6000 ft., Humboldt Range, Pershing Co.

July 31 " " " " " "

Aug. 1 El Dorado Canyon, 6000 ft., Humboldt Range, Pershing Co., Nev.

Aug. 2 9 mi. E Fanning, 4100 ft., Buena Vista Valley, Pershing Co., Nev.

Aug. 3 S slope Granite Peak, East Range, Pershing Co., Nev.

Smiley
1936

Peromyscus truei truei

17 mi. W Deephole, 4800ft., Washoe Co., Nev.

July 16 One caught in fifty traps set. Terrain: Flat, V-shaped, dry water course that carries water SW in flood periods. This drains at least 2000 acres of mountain side. Junipers mottle mountain side, ten to 100 feet apart, greatest density near dry bed of stream. This specimen caught under a juniper 10 feet high that was wide-spreading (10 feet in diameter), an accumulation under it of several inch thickness of needles and dry twigs. Reddish talus rock in slide areas 20 feet across. Medium tan soil with various sizes of angular rocks in vicinity.

July 31 El Dorado Canyon, 6000ft., Humboldt Range, Pershing Co., Nev.
One caught on SW facing hillside with slope of 5 to 1. Soil finely powered but rendered hard by admixture of small angular rocks. Large angular rocks present but not abundant. Trap under 8-foot juniper. Six more junipers within radius of 100 ft. Artemesia present.

Smiley
1936

Peromyscus truei truei (cont.)

S. Slope Granite Peak, East Range, Pershing Co, Nev.

Aug. 3 Two caught just below north brow of a hill which formed portion of S slope of Granite Peak. Area at base of rock outcrop with slope of outcrop almost vertical; hill below north sloping and 45° slope. Outcrop 30 feet in height of granite. Area shaded heavily with pinyons.

Smiley
1936

Reithrodontomys megalotus

July 5 N side Sand Pass, 3950 ft., Washoe Co., Nev.
Two specimens caught in area of fine, wind-blown sand. Terrain semi-flattish. Variation of only 15 feet in elevation where 45 mouse traps were set. Traps set in circle around a dune-like knoll with very gradually sloping sides. Sand light, grayish tan - drifted up to height of 6 inches around base of unidentified bushes. A major plant was a legume: Perosela lavender small flowers, small pinnate leaves, sturdy, semi-herbaceous stems.

July 10 17 mi. W Deephole, 4800 ft., Washoe Co., Nev.
In 50 traps set in Juniper association caught one. Terrain: flat, v-shaped, dry water course in which water periodically flows SW. Reddish lava rocks embedded in firm, gravelly soil. Dry grass present. This caught in meadow-like area 40 feet from Juniper tree.

July 20 3 mi. N Vya, 5900 ft., Washoe Co., Nev.
One Specimen; terrain flat; wind-blowable sand brown, drifted under Artemesia bushes. Latter up to five feet high.

July 25 3 1/2 mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
2 caught on dune structure 15' x 600' x 100' of light tan windblowable sand. Adjacent to similar dunes. Plants: Sarcobatus & Artemesia.

Smiley
1936

Reithrodontomys megalotus

21 mi. W + 2 mi. N Lovelock, 4000 ft., Pershing Co, Nev.

July 29 1 caught, in 60 traps set on dunes of light gray, windblowable Sand. Dunes as bulky, flattish, miniture mountain ranges set on flattish terrain with slight westward drainage. Dunes, little cleft, did not exceed 15 feet in height. Sarcobatus + ~~Artemisia~~ present.

July 31 El Dorado Canyon, 6000 ft, Humboldt Range, Pershing Co, Nev.

2 caught in line of ~~forty~~ traps left out this second night on hillside of slope varying 20-45 degrees. Juniperus averaging 60 feet apart. ~~Artemesia~~ and grasses present.

Aug 3 5 slope Granite Peak, East Range, Pershing Co, Nev.

1 caught in 45 traps set. Exact conditions at this point not noted.

Smiley
1936

Sylvilagus sp.

12-mi. Creek, 5300 ft., ½ mi. E Calif. Line, Washoe Co., Nev.

July 18 Three taken; on slope of valley; one in Artemesia, one in Populus tremuloides and one in Juniperus. Habitats described: General account for July 16.

Smiley
1931

Thomonys quadratus

Aug. 4 See General Account and E.R. Hall's notes for this date.

Smiley
A36

N side Truckee R., 4900 ft., ½ mi. W Verdi, Washoe Co., Nev.

July 2

104	♂	Peromyscus maniculatus	155-68-20-19	wt. 18.5 g.
105	♂	" "	148-60-20-19	wt. 19.8 g.
106	♀	Mus musculus	139-68-17-17	wt. 10.1 g.
107		Rana		
108	♂	Citellus beecheyi	395-113-56-35	wt. 651.7

July 3

109	♀	Western Robin	

3 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

110		Pituophis catenifer	

4 mi. NW Flanigan, 4200 ft., Washoe Co., Nev.

July 4

111	♂	Dipodomys merriami	wt. 46.2 g.	239-137-37-12
112	♀	" "	wt. 46.7 g.	226-127-34-12
113	♀	" "	wt. 44.4 g.	241-134-39-12
114	♀	" ordii columbianus	wt. 47.8 g.	246-134-41-13
115	♂	Peromyscus maniculatus sonoriensis	wt. 42.8 g.	163-71-19-18
116	♂	Microdipodops sp.	wt. 16.8 g.	164-91-25-10
117	♀	" "	wt. 13.6 g.	160-86-26-12
skull only 118	♀	" "	wt. 14.2 g.	163-87-24-9
119	♀	" "	Wt. 15.0 g.	160-83-27-9
120	♂	" "	wt. 12.6 g.	161-89-26-11
121	♀	" "	wt. 13.8 g.	167-94-27-10
122	♀	" "	wt. 14.3 g.	161-87-24-10

skull only
123 ♂ Canis latrans lestes

D.F.H?

Smiley
1936

N side Sand Pass, 3950 ft., Washoe Co., Nev.

July 5

124 ♀ Dipodomys merriami 3Emb. x 17mm. Wt. 50.1g. 240-133-38-13

125 ♀ " " wt. 26.8g. 222-131-38-11

127 ♂ Dipodomys ordii wt. 46.6g. 237-131-39-12

128 ♀ " " 2Emb. x 26 mm., Wt. 57.9g. ~~285~~ 235 -125-39-13

129 ♀ Perognathus longimembris wt. 6.9g. (05)-(39)-18-7

130 ♂ Rheithrodontomys sp. wt. 13.7g. 146-69-17-15

2½ mi. E. Flanigan, 4250 ft., Washoe Co., Nev.

July 6

131 ♀ Perognathus formosus wt. 23.3g. 196-105-24-11

132 ♂ " " wt. 24.1g. 203-115-26-11

133 ♂ " " wt. 23.3g. 197-110-26-12

134 ♀ " " wt. 21.3g. (121)-(38)-25-11

135 ♂ Peromyscus crinitus wt. 15.8g. 176-91-20-21

136 ♂ Perognathus longimembris wt. 8.5g. 131-70-19-7

137 ♂ " " wt. 9.2g. 137-75-20-7

138 ♀ " " wt. 8.2g. 132-74-19-7

139 ♂ " " wt. 8.3g. 127-65-20-6

140 ♂ Neotoma lepida wt. 155.5g. 286-113-30-32

Smoke Creek, 3900 ft., 9 mi. E. Calif. Line, Washoe Co., Nev.

141 ♀ Corynorhinus rafinesquii pall. wt. 8.4g. 108-50-12-35-17

142 ♂ Myotis californicus wt. 2.7g. 94-36-8-14-9

143 ♂ " " wt. 2.7g. 81-37-8-13-7

40°28' N, 6 mi. E. Calif. Line, 4000 ft., Washoe Co., Nev.

July 7

144 ♀ Perognathus formosus wt. 19.6g. 185-97-24-10

145 ♂ " " wt. 19.8g. 181-94-25-9

146 ♀ Peromyscus crinitus wt. 15.4g. 173-85-20-20

Smiley
1936

40°28' N. 6 mi. E Calif. Line, 4000 ft., Washoe Co., Nev.

July 7

147 ♂ Peromyscus crinitus wt. 13.2 g. 161-75-19-18

148 ♂ Peromyscus crinitus wt. 15.2 g. 171-82-20-20

149 ♀ Peromyscus m. Sonoriensis Wt. 21.7 g. 177-70-20-19

150 ♂ " " " wt. 22.5 g. 162-66-21-19

151 ♀ Dipodomys merriami wt. 46.3 g. 240-133-37-13

152 ♂ Neotoma lepida wt. 130.2 g. 266-101-31-31

153 Phrysonoma douglasii

154 " "

Smoke Creek, 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev.

July 8

155 ♂ Brewer Blackbird wt. 43.7 g.

156 ♂ Red-winged Blackbird wt. 48.4 g.

157 ♂ Brewer Blackbird wt. not taken.

158 ♂ Bullock Oriole wt. 38.6

July 9

159 ♂ Peromyscus maniculatus wt. 20.6 g. 156-70-20-19

160 ♂ " " wt. 22.1 g. 145-61-20-18

161 ♂ Tree swallow wt. 19.8 g. (July 8)

162 ♂ Rheithrodontomys megalotus wt. 10.6 g. 137-63-17-16

163 Phrysonoma sp.

164 Cnemidophorus tesselatus

165 Crotaphytus sp.

17 mi. w Deephole, 4800 ft., Washoe Co., Nev.

July 10

166 ♂ Peromyscus truei truei wt. 19.1 g. 166-78-23-26

167 ♀ " maniculatus wt. 15.8 g. 147-64-20-19

168 ♂ " " wt. 15.4 g. 145-62-19-17

Smiley
1936

17 mi. W Deephole, 4800 ft., Washoe Co., Nev.

July 10

169 ♀ Rheithrodontomys megalotus wt. 12.2g. 142-68-18-16

170 ♀ Perognathus parvus wt. 19.6 g. 181-91-23-8

171 ♂ Odocoileus hemionus hemionus skull "Pick-up"

Smoke Creek, 3900 ft., 9 mi. E Calif. Line, Washoe Co., Nev.

172 ♀ Screech Owl

Rock Creek, 5000 ft., Granite Mt., Washoe Co., Nev.

July 11, 1936

173 ♂ Peromyscus maniculatus wt. 16.3g. 157-66-20-19

174 ♂ Perognathus parvus

1 mi. NE Gerlach, 4000 ft., Washoe Co., Nev.

July 12, 1936

175 ♀ Neotoma lepida wt. 98.3g. 253-101-30-33

176 ♂ Peromyscus crinitus wt. 14.7g. 170-86-20-20

177 ♀ " " 4emb. x 2mm. wt. 17.0g 167-83-20-20

178 ♂ " " wt. 15.2g. 174-90-19-20

179 ♂ " " wt. 13.9g. 174-87-20-20

180 ♂ " " wt. 15.2g. 166-85-20-19

181 ♂ " " wt. 14.0g 167-85-20-20

182 ♂ " " wt. 15.6g. 173-91-20-20

183 ♀ Peromyscus maniculatus wt. 14.7g. 142-61-20-20

184 ♂ Perognathus formosus wt. 18.3g. 197-103-24-11

15 mi. NNW Deephole, 5500 ft., Washoe Co., Nev.

July 14

185 ♂ Peromyscus maniculatus 161-64-20-20

186 ♀ " " 155-66-20-19

187 ♂ " " 149-65-21-19

Smiley
1936

15 mi. NNW Deephole, 5500 ft., Washoe Co., Nev.

July 14

188	♀	Peromyscus	maniculatus	167-68-19.5-20
189	♂	Eutamias	minimus	192-81-29.5-17

2½ mi. SE Hausen, 5200 ft., Washoe Co., Nev.

July 15

190	♂	Dipodomys	microps	242-136-43-12
191	♀	"	" 2 emb. x 7 mm.	273-159-41-12
192		"	"	260-142-41-13
193	♂	Onychomys	torridus	126-33-20-20
194	♂	Peromyscus	maniculatus	170-73-22-19
195	♂	"	"	150-65-20-19
196	♂	"	"	152-69-21-19

20 mi. SE Hausen, 4675 ft., Washoe Co., Nev.

197	♀	Microdipodops	sp.	wt. 12.2g. 166-91-25-10
198	♀	"	"	wt. 13.2g. 167-90-25-10
199	♂	"	"	wt. 13.2g. 168-90-25-10
200	♀	"	"	wt. 9.7g. 144-79-24-10
201	♀	"	"	wt. 11.7g. 159-86-25-10.5

12 mi. Creek, 5300 ft., ½ mi. E Calif. Line, Washoe Co., Nev.

July 16

skull only 202		Erethizon	epixanthum	
203	♀	Myotis	sp.	84-33-9-13-6.5

July 17

204	♀	Neotoma	lepida	wt. 104.3g. 279-122-30-32
205	♀	"	"	wt. 134.4g. (266)-(96)-29-32
206	♀	Perognathus	parvus	wt. 13.6g. 157-82-22-7
207	♀	Eutamias	minimus	wt. 29.9.g. 188-86-30-16

Smiley
1936

12-mi. Creek, 5300 ft., ½ mi. E Calif. Line Washoe Co., Nev.

July 17 (Cont.)

208 ♀ Peromyscus maniculatus wt. 26.9 g. 173-74-20-20.5
209 ♀ " " wt. 20.0 g. 168-72-19.5-20
210 ♂ " " wt. 22.8 g. 162-68-22-20
211 ♂ " " wt. 22.8 g. 159-68-20-17.5
212 ♂ Nycteris cinerea wt. 26.9 g. 134-53-11-17-8
213 ♂ Eutamias amoenus wt. 49.4 g. 202-77-31-20
214 ♂ Callospermophilus sp. wt. 230.5 g. 270-87-43-20

July 18

215 ♂ Peromyscus maniculatus wt. 22.7 g. 164-65-20-17
216 ♂ Sylvilagus sp. wt. 658.3 g 347-51-87-65
217 ♀ " " wt. 890.0 g. 353-45-93-65

NW Corner Cow Head Lake, Modoc Co., Calif.

July 19

218 ♂ Great Horned Owl wt. 607.3 g.

3 mi. N Vya, 5900 ft. Washoe Co., Nev.

July 20

219 ♂ Dipodomys ordii wt. 51.3 g. 251-140-41-13
220 ♂ " " wt. 52.1 g. 242-139-41-13
221 ♂ Rheithrodontomys megalotus wt. 9.9 g. 130-68-18.5-19
222 ♂ Perognathus parvus wt. 16.6 g. 163-88-22-8
223 Microdipodops sp. wt. 9.8 g. 144-82-25-10
224 " " wt. 9.6 g. 144-85-24-9
225 ♂ Peromyscus maniculatus wt. 23.6 g. 153-70-21-17
226 ♀ " " wt. 23.3 g. 162-74-21-17
227 ♀ " " wt. 23.4 g. 164-71-21-18

Smiley
1936

July 20 (Cont.)

228 ♂ Eutamias minimus wt. 35.1 g. 182-79-30-14
229 ♂ " " wt. 32.3 g. 180-80-30-14

Painted Point 6000 ft, 9 mi. E Vya, Washoe Co, Nev.

July 21

230 ♀ Neotoma lepida wt. 157.7 g. 304-118-29-26
231 ♂ Peromyscus crinitus wt. 11.7 g. 157-82-20-18
232 ♂ " maniculatus wt. 17.5 g. 159-66-21-18

3 mi. E Painted Point, 5850 ft, Washoe Co, Nev.

233 ♂ Eutamias minimus wt. 31.9 g. 188-84-29-14
234 ♀ " " wt. 36.4 g (172)-(67)-29-14
235 ♂ Onychomys torridus wt. 22.8 g. 127-33-18-19
236 ♀ Peromyscus maniculatus wt. 22.6 g. 167-69-19-17
237 ♂ " " wt. 21.0 g. 158-67-22-18
238 ♂ Dipodomys ordii wt. 27.4 g. 214-123-39-11
239 ? Microdipodops sp. wt. 13.5 g 155-83-25-11
240 ? " " wt. 13.9 g. 157-84-25-10
241 ♂ " " wt. 14.5 g. 158-88-25-11
242 Crotalus confluentus (July 20)

4½ mi. NE Painted Point, 5800 ft, Washoe Co, Nev.

243 ♂ Peromyscus maniculatus wt. 17.7 g. 157-66-20-17
244 ♀ " " wt. 22.3 g. 160-67-21-16.5
245 ♂ " " wt. 23.5 g. 174-76-20.5-17
skull only
246 Canis latrans lestes

4 mi. S Diessner, 5800 ft, Washoe Co, Nev.

July 22

247 ♀ Lagurus curtatus 4 emb. x 17 mm. wt. 25.9 g. 117-16-16-11
248 ♂ Perognathus parvus wt. 16.7 g. 168-85-23-7
249 ♂ Peromyscus maniculatus. wt. 23.4 g. 163-66-20-18

Smiley
1936

4 mi. SW Diessner, 5800 ft., Washoe Co., Nev.

250 ♀ Peromyscus maniculatus 5 emb. x 18mm. wt. 27.1 167-71-20-19
251 ♂ Microtus montanus wt. 49.4g. 173-42-21-14
252 ♂ " " wt. 59.2g. 165-45-21-13

5 mi. N Summit Lake 5900 ft., Humboldt Co., Nev.

July 23

253 ♂ Peromyscus maniculatus 177-77-20-18
254 ♀ Microtus mordax 158-52-21-14
255 ♂ Eutamias minimus 179-82-27-13

1½ mi. N Quinn River Crossing, 4400 ft., Humboldt Co., Nev.

July 24

256 ♀ Dipodomys microps wt. 56.9g. 273-159-41-14
257 ♀ " " wt. 63.7g. 276-159-41-13
258 ♂ " " wt. 68.8g. 260-163-42-13
259 ♀ " " wt. 58.3g. 287-172-43-14
260 ♂ " " wt. 65.1g. 271-153-41-13
261 ♂ Onychomys torridus wt. 22.0g. 124-35-18-18
262 ♂ Peromyscus crinitus wt. 16.2g. 179-95-21-18
263 ♀ " " wt. 15.7g. 164-79-20.5-19
264 ♂ Neotoma lepida wt. 122.1g. 282-119-31-27
265 ♂ Perognathus longimembris wt. 6.8g. 126-66-18-7
266 ♂ " " wt. 7.7g. 131-75-17-7
267 ♂ " " wt. 7.9g.

1¼ mi. N Sulphur, 4050 ft., Humboldt Co., Nev.

July 25

268 ♂ Dipodomys merriami wt. 36.8g. 242-143-36-13
269 ♂ " " wt. 44.4g. 249-145-40-13
270 ♀ Peromyscus maniculatus wt. 22.3g. 152-69-21-18.5
271 ♂ Reithrodontomys megalotus wt 8.0g. 130-63-16-13

Smiley
1936

1¼mi. N Sulphur, 4050 ft., Humboldt Co., Nev.
July 25 (cont.)

272	♀	Reithrodontomys	megalotus	wt. 8.7 g. 132-66-16-14
273	♀	Microdipodops	sp.	wt. 13.6 g. 165-95-26-10
274	♂	"	"	wt. 10.2 g. 147-75-26-11
275	♂	"	"	wt. 12.7 g. 163-90-25-10
276	♂	"	"	wt. 11.8 g. 160-93-25.5-10
277	♂	"	"	wt. 12.1 g. 166-94-26-11
278	♂	Perognathus	longimembris	wt. 7.3 g. 143-77-19.5-7
279	♂	"	"	wt. 6.9 g. 129-66-19-7
280	♀	"	"	wt. 7.5 g. 131-66-18-6.5

11mi. E + 1mi. N Jungo, 4200 ft., Humboldt Co., Nev.
July 26,

281	♂	Dipodomys	ordii	wt. 43.2 g. 243-140-40-13

8mi. E + 1mi. N Jungo, 4200 ft., Humboldt Co., Nev.

282	♀	Dipodomys	ordii	wt. 49.2 g. 242-130-40-12
283	♀	Microdipodops	sp.	wt. 14.0 g. 159-84-24-9.5
284	♀	"	"	wt. 12.1 g. 160-86-24-10
285	♂	Perognathus	longimembris	wt. 8.1 g. 144-76-19-5.5
286	♀	"	"	wt. 6.8 g. 126-68-19-6
287	♂	Peromyscus	maniculatus	wt. 15.4 g. 147-62-20-17
288	♀	"	"	wt. 14.5 g. 140-59-20.5-17

11mi. E + 1mi. N Jungo, 4200 ft., Humboldt Co., Nev.

287 Pituophis cateniter

8mi. S Sulphur, 4350 ft., Pershing Co., Nev.
July 29

288	♀	Dipodomys	merriami	wt. 41.6 g. 234-134-37-13
289	♂	"	"	wt. 37.4 g. 235-136-38-14
290	♀	"	"	wt. 39.8 g. 235-135-37-13
291	♀	"	"	wt. 25.4 g. 216-131-37-13
292	♀	"	"	wt. 34.3 g. 230-134-38-13

Smiley
1936

July 27 (cont.)

293 ♀ Dipodomys merriami wt. 35.5g. 228-139-37-13
294 ♂ " " wt. 45.9g. 239-138-38-14
295 ♂ " " wt. 43.5g. 223-123-37-13
296 ♂ Dipodomys microps lev. wt. 65.5g. 268-150-41-14
297 ♂ Peromyscus maniculatus wt. 19.5g. 167-74-21-18
298 ♂ Perognathus longimembris wt. 8.8g. 142-75-195-7
299 ♂ Neotoma lepida wt. 144.9g. 274-112-32-30

3 mi. SW Vernon, 4300 ft. Pershing Co., Nev.

300 ♀ July 28
300 ♀ Perognathus formosus 202-102-25-12
301 ♀ " " 211-118-25-12
302 ♀ " " 197-111-26-12
303 ♀ " " 199-115-26-12
304 ♀ " " 197-111-26-105
305 ♂ " " 201-111-26-12
306 ♂ " " (152)-(59)-25-12
307 ♂ " " 189-102-23-11
308 ♀ Microdipodops sp. 163-92-25-11
309 ♀ Peromyscus maniculatus 186-79-21-18
310 ♂ Dipodomys merriami 218-125-31-12.5
311 ♂ " " 235-132-37-13
312 ♀ " " 230-128-36-14
313 ♂ " " 236-143-39-14
314 ♀ Dipodomys microps 260-145-41-14
315 ♀ " merriami 249-143-37-13
316 ♂ " microps 280-161-42-14
317 ♂ " " 287-165-42-13

Smiley
1936

July 28 (Cont.)

318 ♂ Perognathus longimembris 141-75-19-7

319 Phrysonoma sp.

12mi. W × 2mi. S Lovelock, 5100ft., Pershing Co., Nev.

320 Crotaphytus collaris

16mi. W. Lovelock, 4200ft., Pershing Co., Nev.

324 Callisaurus ventralis

July 29

21mi. W. × 2mi. N Lovelock, 4000ft., Pershing Co. Nev.

322	♀	Microdipodops	sp.	wt. 11.7 g. 161-96-24-10
323	♂	"	"	wt. 12.8 g. 162-94-25-10.5
324	♂	"	"	wt. 13.0 g. 162-96-26-10
325	♂	"	"	wt. 12.9 g. 163-93-26-11
326	♂	Reithrodontomys	megalotus	wt. 7.9 g. 134-65-15-14
327	♀	Dipodomys	microps	wt. 50.3 g. 263-152-38-13
328	♀	"	"	wt. 53.4 g. 260-144-41-13
329	♂	"	"	wt. 43.8 g. 240-141-37-13
330	♂	"	merriami	wt. 32.0 g. 228-133-37-13
331	♂	"	"	wt. 37.8 g. 230-129-38-13
332	♀	"	ordii	wt. 47.8 g. 240-132-38-14
333	♂	"	deserti	wt. 113.7 g. 325-195-53-17
334	♂	"	"	wt. 110.7 g. 326-191-51-17

El Dorado Canyon 6000ft, Humboldt Range, Pershing Co. Nev.

July 30

335	♀	Peromyscus	maniculatus	wt. 18.5 g. 159-66-19-18
336	♂	"	"	wt. 20.5 g. 165-67-21-18
337	♀	"	crinitus	wt. 13.8 g. 172-90-19.5-20
338	♀	Perognathus	parvus	wt. 20.0 g. 185-100-23-9
339	♂	"	"	wt. 21.3 g. 183-102-24-9

Smiley
1936

El Dorado Canyon, 6000ft, Humboldt Range, Pershing Co., Nev.

July 30 (cont.)

340 ♂ Perognathus parvus wt. 24.4g. 175-84-23-8

341 Sceloporus sp.

El Dorado Canyon, 6500ft, Humboldt Range, Pershing Co., Nev.

342 Sceloporus sp.
3429 ? Western Robin

El Dorado Canyon, 6000ft, Humboldt Range, Pershing Co., Nev.

July 31

343 ♂ Perognathus parvus wt. 20.6g. 178-95-24-9

344 ♂ Reithrodontomys megalotus wt. 10.5g. 146-68-18-15

345 ♂ Peromyscus truei truei wt. 27.0g. 193-95-23-28

1 mi. W Humboldt, 4480ft., Pershing Co., Nev.

346 ♀ Microdipodops sp. wt. 12.3g. 160-88-25-10

347 ♂ " " wt. 13.4g. 162-87-25-10

348 ♂ " " wt. 12.4g. 163-87-25-10

349 ♀ " " wt. 14.5g. 167-91-25-10

350 ♀ " " wt. 12.3g. 163-88-25-10

351 ♂ " " wt. 13.0g. 167-90-25-10

352 ♀ " " wt. 12.0g. 162-84-25-9.3

353 ♀ Perognathus longimembris wt. 7.9g. 140-75-19-6

354 ♀ " " wt. 6.9g. 131-67-18.5-6

355 ♀ " " wt. 9.4g. 135-67-19-6

356 ♀ " " 134-75-18-6

357 ♀ " " wt. 7.8g. 133-70-18.5-6

358 ♂ " " wt. 8.5g. 142-76-19-6

359 ♀ " " wt. 6.8g. 132-71-18.5-6

El Dorado Canyon, 8000ft, Humboldt Range, Pershing Co., Nev.

✓ 360 ? Western(?) Flycatcher

361 Sceloporus sp.

Smiley
1936

El Dorado Canyon, 8000 ft., Humboldt Range, Pershing Co., Nev.

August 1

362 ♀ Perognathus parvus

363 ♀ Callospermophilus sp.

9 mi. E Fanning, 4100 ft., Buena Vista Valley, Pershing Co., Nev.

August 2

364 ♀ Peromyscus maniculatus 170-76-20-18

365 ♀ Onychomys torridus 113-32-17-17

366 ♀ Dipodomys microps 259-150-39-13

367 ♀ " " 263-151-41-14

W Base Granite Peak, East Range, Pershing Co., Nev.

368 Cnemidophorus tesselatus

S Base Granite Peak, East Range, Pershing Co., Nev.

369 ? Hummingbird

S Slope Granite Peak, East Range, Pershing Co., Nev.

skeleton 370 ♂ Amphispiza b. nevadensis

371 ♂ Eutamias minimus 198-92-29-14

strangly 372 Sylvilagus auduboni 360-37-86-66

August 3

373 ♀ Peromyscus truei truei wt. 23.4g. 191-96-23-24

374 ♂ " " " wt. 24.3g. 197-92-22-25

375 ♀ Eutamias minimus Wt. 30.2g. 186-80-28-15

376 ♀ Perognathus parvus wt. 18.3g. 173-92-24-7.5

377 ♀ Reithrodontomys megalotus wt. 10.0g. 137-64-16-15

378 ♀ Dipodomys microps wt. 52.0g. 276-165-41-12

379 ♂ Peromyscus maniculatus wt. 22.1g. 168-70-21-19

380 Crotaphytus collaris

Smiley
1936

3 mi. S Mt. Rose, 8500 ft., Washoe Co., Nev.

August 4

381 ♂ Marmota flaviventris wt 1517g. 497-152-78-27

3°

August 5

3°2 Ochotona princeps wt. 99.1g. 163-12-29-22

Smiley
1936

August 11

5mi. SE Overton, 1200ft., Clark Co., Nev.

383 ♂ Dipodomys deserti 316-195-53-18

384 ♂ Dipodomys merriami 259-154-39-15

385 ♂ Perognathus sp. 185-103-24-9

Valley of Fire, 12mi. SW Overton, Clark Co., Nev.

386 Pipistrellus sp. 67-27-5-11-5

387 Pipistrellus sp. 68-25-5-10.5-5

388 Pipistrellus sp. (Alcoholic)

August 12

389 ♂ Dipodomys deserti 332-187-51-16

390 ♂ Dipodomys merriami 232-149-38-13

391 ♀ Peromyscus crinitus 168-93-19-18
1180ft.

2½ mi. E St. Thomas, Clark Co., Nev.

392 Chuckawalla (coll. Aug. 11)

On Road, 10 mi. E Grand Canyon, 7500ft., Coconino Co., Ariz.

March 11, 1937

393 ♂ Sauromalus ater ater complete skeleton.

(Entry no 393 by E.R. Hall, April 5, 1937.)